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Signed In Counterparts

DECLARATION FOR PATENT APPLICATION AND POWER OF ATTORNEY

As above named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below adjacent to my name.

I believe I am the original, first and joint inventor of subject matter (process, machine, manufacture, or composition of matter, or an improvement thereof) which is claimed and for which a patent is sought by way of the application entitled

PVD DEPOSITION PROCESS FOR ENHANCED PROPERTIES OF METAL FILMS

which (check) is attached hereto.
 and is amended by the Preliminary Amendment attached hereto.
 was filed on _____ as Application Serial No.
 and was amended on ___ (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information, which is material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, § 119(a)-(d) of any foreign application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America listed below and have also identified below any foreign application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed:

| Prior Foreign Application(s) | | | Priority Claimed | |
|------------------------------|---------|----------------------|--------------------------|-------------------------------------|
| Number | Country | Day/Month/Year Filed | Yes | No |
| N/A | | | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

I hereby claim the benefit under Title 35, United States Code, § 119(e) of any United States provisional application(s) listed below:

| Provisional Application Number | Filing Date |
|--------------------------------|-------------------|
| 60/182,869 | February 16, 2000 |

I hereby claim the benefit under Title 35, United States Code, § 120 of any United States application(s) or PCT international application(s) designating the United States of America listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior application(s) in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose information, which is material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56, which became available between the filing date of the prior application(s) and the national or PCT international filing date of this application:

| Application Serial No. | Filing Date | Status (patented, pending, abandoned) |
|------------------------|-------------|---------------------------------------|
| 677930 v1 | | |

| Application Serial No. | Filing Date | Status (patented, pending, abandoned) |
|------------------------|-------------|---------------------------------------|
| N/A | | |

I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and to transact all business in the United States Patent and Trademark Office connected therewith:

Alan H. MacPherson (24,423); Brian D. Ogonowsky (31,988); David W. Heid (25,875); Norman R. Klivans (33,003); Edward C. Kwok (33,938); David E. Steuber (25,557); Michael Shenker (34,250); Stephen A. Terrile (32,946); Peter H. Kang (40,350); Ronald J. Meetin (29,089); Ken John Koestner (33,004); Omkar K. Suryadevara (36,320); David T. Millers (37,396); Michael P. Adams (34,763); Robert B. Morrill (43,817); James E. Parsons (34,691); Philip W. Woo (39,880); Emily Haliday (38,903); Tom Hunter (38,498); Michael J. Halbert (40,633); Gary J. Edwards (41,008); Daniel P. Stewart (41,332); Tom Chen (42,406); Fabio E. Marino (43,339); Don C. Lawrence (31,975); Marc R. Ascolese (42,268); Carmen C. Cook (42,433); David G. Dolezal (41,711); Roberta P. Saxon (43,087); Mary Jo Bertani (42,321); Dale R. Cook (42,434); Sam G. Campbell (42,381); Matthew J. Brigham (44,047); Shireen Irani Bacon (40,494); Rory G. Bens (44,028); George Wolken, Jr. (30,441); John A. Odozynski (28,769); Paul E. Lewkowicz (44,870); Theodore P. Lopez (44,881); Eric Stephenson (38,321); Christopher Allenby (45,906); David C. Hsia (46,235); Mark J. Rozman (42,117); Margaret M. Kelton (44,182); Do Te Kim (46,231); Alex Chen (45,591); Monique M. Heyninck (44,763); Gregory J. Michelson (44,940); Jonathan Geld (44,702); Emmanuel Rivera (45,760); Jason FarHadian (42,523); Matthew J. Spark (43,453); Elaine H. Lo (41,158); Jon Hallman (42,622); Robert Strawbrich (36,692); Rita Wisor (41,382); Gregory Powell (47,005); and Mark E. Schmidt (47,063).

Roland Tso (39,403).

Please address all correspondence and telephone calls to:

Roberta P. Saxon
Agent for Applicants
SKJERVEN MORRILL MacPHERSON LLP
25 Metro Drive, Suite 700
San Jose, California 95110-1349

Telephone: 408-453-9200
Facsimile: 408-453-7979

I declare that all statements made herein of my own knowledge are true, all statements made herein on information and belief are believed to be true, and all statements made herein are made with the knowledge that whoever, in any matter within the jurisdiction of the Patent and Trademark Office, knowingly and willfully falsifies, conceals, or covers up by any trick, scheme, or device a material fact, or makes any false, fictitious or fraudulent statements or representations, or makes or uses any false writing or document knowing the same to contain any false, fictitious or fraudulent statement or entry, shall be subject to the penalties including fine or imprisonment or both as set forth under 18 U.S.C. 1001, and that violations of this paragraph may jeopardize the validity of the application or this document, or the validity or enforceability of any patent, trademark registration, or certificate resulting therefrom.

Full name of first joint inventor:

Michael Rumer

Inventor's Signature:

Date:

Residence:

Santa Clara, California

Feb 12, 2001

Post Office Address: 429 La Herran Drive
Santa Clara, California 95081

Citizenship: U.S.

Full name of second inventor: Jack Griswold

Inventor's Signature: _____ Date: _____

Residence: San Jose, California

Post Office Address: 1326 Longfellow Way
San Jose, California 95129

Citizenship: U.S.

Full name of third inventor: Tom Dorsh

Inventor's Signature: Tom Dorsh Date: 2/7/2001

Residence: Santa Clara, California

Post Office Address: 1901 Nobili Ave
Santa Clara, California 95051

Citizenship: U.S.

Full name of fourth inventor: Michael Kwok Leung Ng

Inventor's Signature: _____ Date: _____

Residence: Daly City, California

Post Office Address: 71 Lake Meadow Drive
Daly City, California 94015

Citizenship: U.S.

Full name of fifth inventor: David E. Reedy

Inventor's Signature: _____ Date: _____

Residence: Fremont, California

Post Office Address: 39612 Banyan Tree Road
Fremont, California

Citizenship: U.S.

Full name of sixth inventor: Paul D. Healey

Inventor's Signature: _____ Date: _____

Residence: Newton, Massachusetts

Post Office Address: 23 Prospect Street
Newton, Massachusetts 02465

Citizenship: U.S.

Post Office Address: 429 La Herran Drive Citizenship: U.S.
Santa Clara, California 95081

Full name of second inventor: John W. Griswold

Inventor's Signature: John W. Griswold Date: 2/01/01
Residence: San Jose, California
Post Office Address: 1326 Longfellow Way Citizenship: U.S.
San Jose, California 95129

Full name of third inventor: Tom Dorsh

Inventor's Signature: _____ Date: _____
Residence: Santa Clara, California
Post Office Address: 1901 Nobili Ave Citizenship: U.S.
Santa Clara, California 95051

Full name of fourth inventor: Michael Kwok Leung Ng

Inventor's Signature: Michael Kwok Leung Ng Date: 2/13/01
Residence: Daly City, California
Post Office Address: 71 Lake Meadow Drive Citizenship: U.S.
Daly City, California 94015

Full name of fifth inventor: David E. Reedy

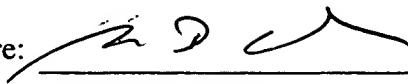
Inventor's Signature: David E. Reedy Date: 2/5/01
Residence: Fremont, California
Post Office Address: 39612 Banyan Tree Road Citizenship: U.S.
Fremont, California

Full name of sixth inventor: Paul D. Healey

Inventor's Signature: _____ Date: _____
Residence: Newton, Massachusetts
Post Office Address: 23 Prospect Street Citizenship: U.S.
Newton, Massachusetts 02465

Full name of seventh inventor:

Michal Danek

Inventor's Signature: Date: 12/15/00Residence: Sunnyvale, CaliforniaPost Office Address: 1538 Blackhawk DriveCitizenship: U.S. CZECHSunnyvale, CA 94087per. d.11511 SUNRISE SPRINGS CT. 2-0.
LIVERMORE, CA 945014

Full name of eighth inventor:

Reed W. Rosenberg

Inventor's Signature: Date: 11/17/01Residence: Gilroy, CaliforniaPost Office Address: 1470 Sunrise Drive

Citizenship: U.S.

Danville, CA 94506Danville, CA 94506

Signed In Counterparts

Residence: Santa Clara, California
Post Office Address: 429 La Herran Drive
Santa Clara, California 95081 Citizenship: U.S.

Full name of second inventor: Jack Griswold

Inventor's Signature: _____ Date: _____
Residence: San Jose, California
Post Office Address: 1326 Longfellow Way
San Jose, California 95129 Citizenship: U.S.

Full name of third inventor: Tom Dorsh

Inventor's Signature: _____ Date: _____
Residence: Santa Clara, California
Post Office Address: 1901 Nobili Ave
Santa Clara, California 95051 Citizenship: U.S.

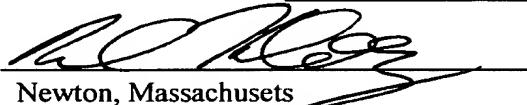
Full name of fourth inventor: Michael Kwok Leung Ng

Inventor's Signature: _____ Date: _____
Residence: Daly City, California
Post Office Address: 71 Lake Meadow Drive
Daly City, California 94015 Citizenship: U.S.

Full name of fifth inventor: David E. Reedy

Inventor's Signature: _____ Date: _____
Residence: Fremont, California
Post Office Address: 39612 Banyan Tree Road
Fremont, California Citizenship: U.S.

Full name of sixth inventor: Paul D. Healey

Inventor's Signature:  Date: 10/24/00
Residence: Newton, Massachusetts
Post Office Address: 23 Prospect Street
Newton, Massachusetts 02465 Citizenship: U.S.

Signed In Counterparts

Full name of seventh inventor: Michal Danek

Inventor's Signature: _____ Date: _____

Residence: Sunnyvale, California

Post Office Address: 1538 Blackhawk Drive Citizenship: U.S.
Sunnyvale, CA 94087

Full name of eighth inventor: Reed W. Rosenberg

Inventor's Signature: _____ Date: _____

Residence: Gilroy, California

Post Office Address: 1470 Sunrise Drive Citizenship: U.S.
Gilroy, California 95020